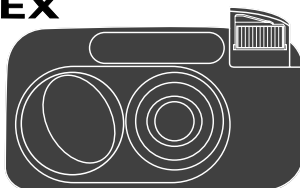




Explorer
FREEDOM ZOOM
EX

75W
RIVA ZOOM



E Instruction Manual

Thank you for your purchase of a Minolta camera. This camera is equipped with functions to suit all your photographic needs. Before using your new camera, please take the time to read through this instruction manual for it contains information important to the proper use and care of your camera.

FOR PROPER AND SAFE USE

Read and understand all warnings and cautions before using this product.

⚠ WARNING

Batteries may become hot or explode due to improper use.

- Use only the batteries specified in this instruction manual.
- Do not install the batteries with the polarity (+/-) reversed.
- Do not subject batteries to fire or high temperatures.
- Do not attempt to recharge, short, or disassemble.
- Tape over lithium battery contacts before disposal. Follow local codes for battery disposal.

Use caution, accidents may occur when using this product near young children.

Keep batteries or things that could be swallowed away from young children. Contact a doctor immediately if an object is swallowed.

Immediately remove the batteries and discontinue use if...

- the camera is dropped or subjected to an impact in which the interior is exposed.
- the product emits a strange smell, heat, or smoke.

The lens retracts when the camera is turned off or Auto Power Off is activated. Touching the lens barrel while it is retracting may cause injury.

Do not disassemble. Electric shock may occur if a high voltage circuit inside the camera is touched. Take your camera to a Minolta Service Facility when repairs are required.

OPERATING TEMPERATURE AND CONDITIONS

- This camera is designed for use for -10 to 40°C (14 to 104°F).
- At colder temperatures, the data panel response time will be slow; at higher temperatures, the display will temporarily darken, but will restore when the temperature normalizes.
- Never subject your camera to extreme humidity.
- To prevent condensation from forming, place the camera in a sealed plastic bag when bringing it from the cold exterior to a warm building. Allow it to come to room temperature before removing it from the bag.
- When photographing in cold weather, we recommend that you keep the camera and spare batteries inside your coat to keep them warm when you are not shooting. Cold batteries will regain some of their charge when they warm up.
- This camera is not waterproof, dust-proof, or sand-proof; take care when using it at the beach or near water. Costly or irreparable damage may occur.

TECHNICAL SPECIFICATIONS

Lens:	28-75mm f/3.5-8.9 power zoom lens with 4 elements in 4 groups
Focusing:	3-beam, active infrared autofocus system with focus lock; Focusing range: 0.4m - ∞ (16 in. - ∞), Close-up: 0.4m - 1.0 (16 in. - 3.3 ft.); Maximum magnification 1/4.3X
Exposure:	Center-weighted metering; Metering range (ISO 100): 28mm: EV 2.6 - 17, 75mm: EV 3.3 - 17; Film speed range: Automatic setting for DX-coded film ISO 25-3200 in 1EV steps
Film transport:	Auto advance to first frame, auto rewind, auto threading, manual start of rewind possible; continuous drive: 1.2 sec./frame (without flash)
Flash:	Retractable, built-in flash, flashmatic with intensity control; Recycling time: approx. 0.3 - 7 sec.; Range (ISO 100): 28mm: 0.4 - 5.9m (16 in. - 19.4 ft.), 75mm: 0.4 - 2.3m (16 in. - 7.5 ft.)
Viewfinder:	Real-image zoom; Diopter (subject at 3m/10 ft.): -1 diopter
Battery:	One 3-volt CR123A or DL123A lithium battery; Battery performance: Approx. 13 rolls (24 exp. roll w/ 50% flash)
Dimensions:	121 x 66.5 x 44mm (4-3/4 x 2-5/8 x 1-3/4 in.)
Weight:	245g (8.64 oz.)

Specifications are based on the latest information available at the time of printing and are subject to change without notice.

Minolta Co., Ltd.

Minolta GmbH
Minolta France S.A.
Minolta (UK) Limited
Minolta Austria Ges. m.b.H.
Minolta Camera Benelux B.V.
Belgium Branch
Minolta (Schweiz) AG
Minolta Svenska AB
Finland Branch
Minolta Portugal Limitada
Minolta Corporation
Head Office
Los Angeles Branch
Minolta Canada Inc.
Head Office
Vancouver Branch
Minolta Hong Kong Limited
Minolta Singapore (Pte) Ltd.
Shanghai Minolta Optical
Products Co., Ltd.

9222-2445-11 NI-C909

3-13, 2-Chome, Azuchi-Machi, Chuo-Ku, Osaka 541-8556, Japan

Kurt-Fischer-Strasse 50, D-22823 Ahrensburg, Germany
365 Route de Saint-Germain, F-78420 Cammeres-Sur-Seine, France
7 Tanners Drive, Blakelands, Milton Keynes, MK14 5BU, England
Amalienstrasse 59-61, A-1131 Wien, Austria
Zonnebaan 39, P.O. Box 8000, NL-3600 HA Maarssen, The Netherlands
Prins Boundewijnlaan 1, B-2550 Kontich, Belgium
Riedstrasse 6, CH-8953 Dietikon, Switzerland
Åbygatan 114, S-171 54 Solna, Sweden
Ninijuku 6 PL 37, SF-02201 Espoo, Finland
Av. do Brasil 33-A, P-1700 Lisboa, Portugal

101 Williams Drive, Ramsey, New Jersey 07446, U.S.A.
11150 Hope Street Cypress, CA 90630, U.S.A.

309 Britannia Road East, Mississauga, Ontario L4Z 2H5, Canada
230-3771 Jacobs Road, Richmond, B.C. V6V 2L9, Canada
Room 208, 2/F, Eastern Center, 1065 King's Road, Quarry Bay, Hong Kong
10, Teban Gardens Crescent, Singapore 608923
368 Minolta Road, Songjiang, Shanghai, China

©1997 Minolta Co., Ltd. under the Berne Convention and Universal Copyright Convention

Printed in China

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

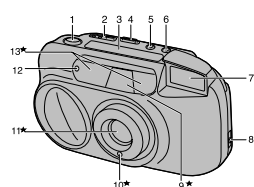
This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

CE This mark on your camera certifies that this camera meets the requirements of the EU (European Union) concerning interference causing equipment regulations. CE stands for Conformité Européenne (European Conformity).

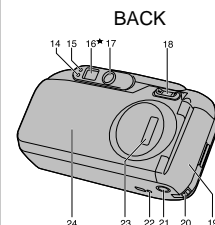
NAMES OF PARTS

1. Shutter-release button
2. Date buttons (DATE model only)
3. Data panel
4. Subject-program selector
5. Self-timer/Drive-mode button
6. Flash-mode button
7. Flash*
8. Back-cover release
9. Viewfinder window*
10. Metering window*
11. Lens*
12. Self-timer/Remote-control lamp
13. Autofocus windows/Remote-control receiver*

FRONT



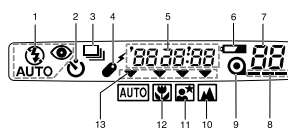
*Do not touch



BACK

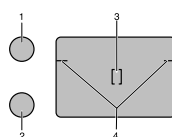
14. Flash lamp (orange)
15. Focus lamp (green)
16. Viewfinder*
17. ON/OFF button
18. Zoom control
19. Battery cover
20. Strap eyelet
21. Tripod socket
22. Rewind button
23. Film window
24. Back cover

DATA PANEL



1. Flash-mode indicator
2. Self-timer indicator
3. Continuous-drive indicator
4. Remote-control indicator
5. Date/Time display (date model only)
6. Low-battery symbol
7. Frame counter
8. Film-transport signals
9. Film-cartridge mark
10. Landscape/Night View mode indicator
11. Night Portrait mode indicator
12. Close-up mode indicator
13. Subject-program pointer

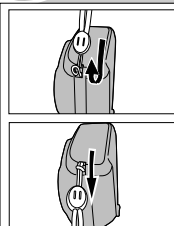
VIEWFINDER



1. Focus lamp (green)
Glow: Focus confirmed
Blinks: Subject too close
2. Flash lamp (orange)
Glow: Flash will fire
Blinks quickly: Flash charging
Blinks slowly: Camera-shake warning
3. Focus frame
4. Close-framing guides

Step 1

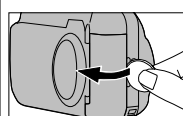
ATTACHING THE STRAP



Attach the strap as shown.

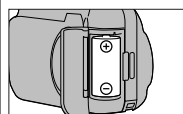
Step 2

INSERTING THE BATTERY



Your camera uses one 3-volt CR123A or DL123A lithium battery to supply power for all camera operations.

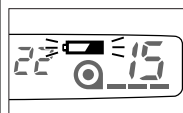
- ① Open the battery cover using a coin or similar object.



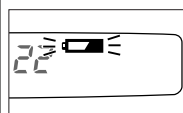
- ② Insert the battery according to the + and - marks inside the battery chamber and snap the cover closed.

• Before removing an old battery, make sure the camera is off.

LOW BATTERY SYMBOL



If the blinking low-battery symbol appears in the data panel with the other indicators, you can still use the camera, but the battery will have to be replaced soon.



If the blinking low-battery symbol appears alone (date model: only the date/time display with the blinking low-battery symbol), you cannot use the camera until you replace the battery. The shutter cannot be released.

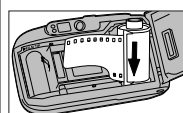
Step 3

LOADING THE FILM



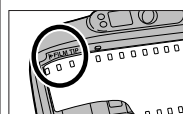
Use only 35mm, DX-coded film rated ISO 25 to 3200. ISO 400 or higher is recommended for taking telephoto photographs or pictures in low light.

- Do not use Polaroid instant 35mm film. Winding problems may occur.

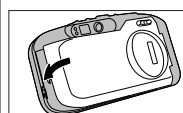


- ① Slide the back-cover release down to open the back cover and place the film cartridge into the film chamber.

• Always load and unload the film in subdued light.



- ② Extend the film tip to the "FILM TIP" mark, making sure it lays flat.

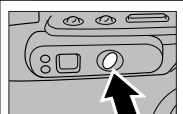


- ③ Close the back cover.

• The film automatically advances to the first frame and 1 appears in the data panel.
• If the film has been loaded improperly, 1 will blink in the data panel and the shutter will remain locked. Open the back cover and repeat the loading procedure.

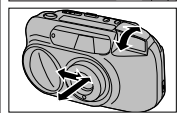
Step 4

FULL AUTO OPERATION

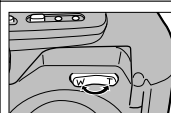


- ① Press the ON/OFF button to turn the camera on.

- The flash will pop up and the lens barrel will extend.
- Press the ON/OFF button to turn the camera off.
- To conserve power, the camera automatically turns off if it is not operated for more than eight minutes. The lens barrel and flash will retract.
- Do not obstruct the lens while it is retracting.



FULL AUTO OPERATION - CONTINUED



- ② Look through the viewfinder and press the W side of the zoom control to move toward wide angle or the T side to move toward telephoto.

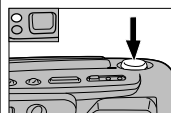
• Do not hold the lens barrel; focus may not be accurate.



- Make sure your subject is at least 0.4 m (16 in) from the camera.



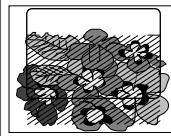
- ③ Align your subject within the focus frame and press the shutter-release button partway down.



- ④ When the green focus lamp glows, gently press the shutter-release button all the way down to take the picture.

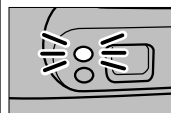
- The flash will automatically fire in low light.
- The film automatically advances to the next frame.

CLOSE-FRAMING



Close-framing Guides

When your subject is closer than 1.2m (4 ft.) at 75mm, first lock focus on your subject by pressing the shutter-release button partway down, then recompose your picture within the close-framing guides.



- If the green focus lamp blinks, your subject is closer than the minimum focusing distance of 0.4m (16 in.) and will not be in focus. The shutter cannot be released.
- If the subject is very close to the camera, the green focus lamp will glow, but the picture will not be in focus.

FOCUS LOCK



When your subject is located outside the focus frame, you can first lock focus on your subject, then recompose the picture as desired.

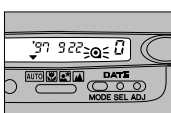


- ① Align the subject within the focus frame and press the shutter-release button partway down until the green focus lamp glows.

- ② Without lifting your finger, recompose the picture then press the shutter-release button all the way down to take the picture.

Step 5

REWINDING THE FILM

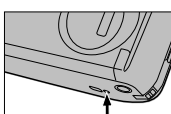


The film will rewind automatically after the last frame has been exposed.

When 1 appears and 1 blinks in the data panel, open the back cover and remove the film.

If rewind stops before the film has been completely rewound and all indicators blink, DO NOT OPEN THE BACK COVER. Insert a fresh battery then press the rewind button.

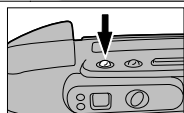
MANUAL REWIND



To begin rewind before the end of the roll, turn the camera on and gently press the rewind button using a pen or similar object.

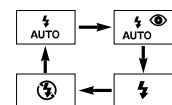


USING THE BUILT-IN FLASH



Autoflash mode (⚡), autoflash with red-eye reduction (⚡*), manual fill-flash (⚡) or flash cancel (⊘) can be selected.

Press the flash-mode button until the desired indicator appears in the data panel.



The sequence is as shown.

- When you turn the camera on, the built-in flash is set to autoflash or autoflash with red-eye reduction, whichever mode was last used.

FLASH RANGE

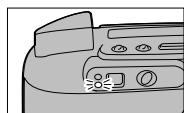
	ISO 100	ISO 400
28mm	0.4-5.9m 16 in - 19.4 ft.	0.4-11.8m 16 in - 38.7 ft.
75mm	0.4-2.3m 16 in - 7.5 ft.	0.4-4.6m 16 in - 15.1 ft.

The range of the built-in flash depends on the film speed and focal length you are using. To ensure proper exposure, make sure your subject is positioned within the flash range.



- Do not hold the flash down; the shutter may not release.
- For vertically framed pictures, hold the camera so the flash is on top.

FLASH LAMP

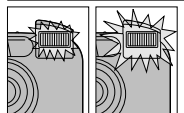


- While pressing the shutter-release button partway down:
 - The orange flash lamp will glow whenever the built-in flash is on.
 - When the orange flash lamp blinks slowly, your scene is too dark for a sharp hand-held picture. Use flash or place the camera on a tripod.
 - When the orange flash lamp blinks rapidly, the flash is charging. Wait until it glows steadily, then take the picture. Flash recharge time is approximately 0.3 to 7 seconds.

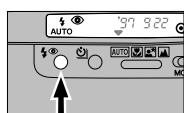
AUTOFLASH MODE

In autoflash mode, the flash will fire in low light.

RED-EYE REDUCTION MODE



In this flash mode, the flash will fire a few short bursts before the main flash burst to reduce the "red-eye" effect which occurs when photographing people in low light.



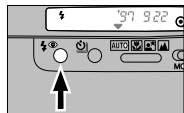
Press the flash-mode button until appears in the data panel.

- Before taking the picture, warn your subjects that the flash will fire a few short bursts before the picture is taken.
- The orange flash lamp will blink indicating preflash.

MANUAL FILL-FLASH MODE



The flash will fire with every shutter release regardless of lighting. This can be used to reduce harsh, unflattering shadows on your subject's face or illuminate your subject when it is back-lit.

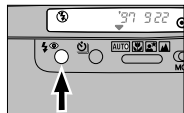


Press the flash-mode button until appears in the data panel, then take the picture.

FLASH CANCEL MODE



With flash-cancel, the flash will not fire. This mode should be used when photographing twilight scenes or subjects that are beyond the flash range.



Press the flash-mode button until appears in the data panel, then take the picture.

- When the flash is cancelled, shutter speeds may be slow. Placing your camera on a tripod is recommended.

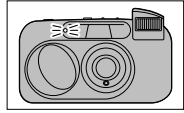


SELF-TIMER



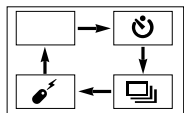
The self-timer delays release of the shutter for approximately 10 seconds after the shutter-release button is pressed.

- ① Place the camera on a tripod and press the self-timer/drive-mode button until appears in the data panel.



- ② Align your subject within the focus frame, then press the shutter-release button.

- The self-timer indicator in the data panel and the self-timer lamp will blink slowly during the countdown and blink rapidly just before the shutter releases.



- Self-timer is automatically cancelled after the shutter is released.
- To stop the self-timer, press the self-timer/drive-mode button. Cancel the self-timer operation by turning the camera off or pressing the self-timer button until disappears from the data panel.

CONTINUOUS-DRIVE MODE



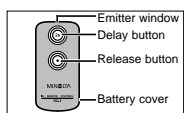
In this mode, the camera continuously takes pictures and advances the film as long as the shutter-release button is held down.

- ① Press the self-timer/drive-mode button until appears in the data panel.



- ② Press the shutter-release button down and hold.
 - Without flash, the shutter will release every 1.2 seconds; with flash, the shutter will release when the flash is charged.
 - Continuous-drive mode remains selected after you finish the series.
 - The subject-program mode remains selected as long as you are pressing the shutter-release button. When you have finished a series, the subject-program selection is reset to auto.

REMOTE CONTROL (SOLD SEPARATELY)

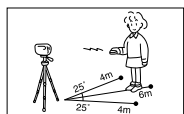


The optional IR Remote Control RC-3 allows remote camera operation up to 6 meters (19.7 feet) away.

- The remote control will not operate with backlit subjects.
- Bright light or reflections entering the viewfinder may affect the camera's meter reading.



- ① Press the self-timer/drive mode button until appears in the data panel.



- ② Point the remote control toward the front of the camera and press either the Release or Delay button.

- Release: The remote-control lamp on the camera blinks once, then the picture is taken.
- Delay: The remote-control lamp on the camera blinks twice, then the picture is taken.

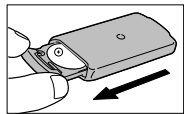
- To cancel remote control mode, press the self-timer/drive mode button until disappears or turn the camera off.

USING FOCUS HOLD IN REMOTE CONTROL MODE

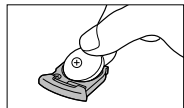
- ① With the camera in remote mode, center the focus frame on the subject, then press the shutter-release button partway down.
 - ② Recompose the picture, then use the remote control normally.
- Focus will remain locked after the picture is taken. To cancel focus hold, turn the camera off.

CHANGING THE BATTERY

The remote control uses a 3V lithium battery (CR2032).



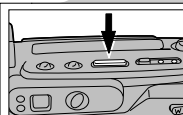
- ① Pull out the battery chamber and remove the old battery.






- ② Insert a new battery into the chamber with its + side up, then slide the chamber back into the remote control.



SUBJECT-PROGRAM SELECTION



Subject-Program Selection allows you to tailor the camera's fully automatic operation to suit the subject. It provides optimal camera settings for close-ups (Close-up ) , portraits at night (Night Portrait ) , and distant subjects or night scenes (Landscape/Night View ) .

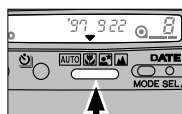
Press the subject-program selector until the pointer is above the desired indicator.


- After taking a picture in one of the subject-program modes, the camera will return to full-auto mode.

CLOSE-UP MODE



This mode enables you to take pictures of subjects as close as 40cm (16 in.).

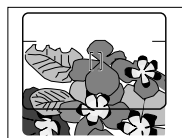


① Press the subject program selector until the pointer is above .

- The lens will automatically zoom to 75mm, but any focal length can be used in close-up mode.



② Align your subject within the focus frame, then press the shutter-release button partway down until the green focus lamp glows.

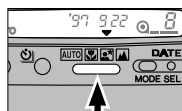



③ Without lifting your finger, recompose the picture so your subject is aligned within the close-framing guides, then press the shutter-release button all the way down to take the picture.

NIGHT PORTRAIT MODE



Night-portrait mode sets a slow-shutter speed to correctly expose a dark background, such as a sunset or night scene, while flash properly exposes the foreground.



① Press the subject program selector until the pointer is above .

- Use of a tripod is recommended.
- Manual fill-flash or manual fill-flash with red-eye reduction can be selected.

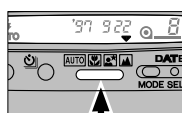
② Align your subject within the focus frame and press the shutter-release button partway down.


③ When the orange flash lamp and green focus lamp glow, press the shutter-release button all the way down to take the picture.

LANDSCAPE/NIGHT VIEW MODE



In this mode, focus is set to infinity. It can be used to photograph night scenes, ensure sharp focus for landscapes and other distant subjects, and should be used when photographing through glass.



① Press the subject-program selector until the pointer is above .

- At twilight or night, place your camera on a tripod to avoid blur caused by camera shake.
- Flash-cancel is set and cannot be changed.

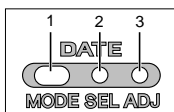
② Compose your subject within the viewfinder, then take the picture.



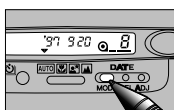
FOR OWNERS OF THE DATE MODEL

This feature enables you to record the date or time onto the lower-right portion of the picture. It has an automatic calendar through the year 2029.

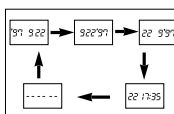
- Imprinted data may be difficult to read if the area over which it is superimposed is bright or non-uniform.
- Do not use the data back when temperatures exceed the operating range of 0° to 40°C (32° to 104°F).
- The data may not be imprinted on the last frame.



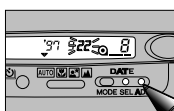
SETTING THE TIME AND DATE



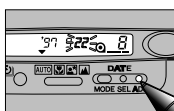
① Press the MODE button to choose the data imprinting format.



- The display will change as shown.



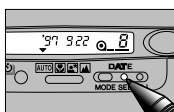
② Use the SELECT button to move between different parts of the displayed data. The selected part will blink indicating that it is the data to be changed.



③ Press the ADJUST button to change the data to the correct value. Data continues changing as long as you hold down the button.



- In Time mode, pressing the ADJUST button while the colon is blinking resets the second counter to 00.



④ When all data is correct, press the SELECT button until the data stops blinking.

- Reset the time and date after changing the battery.

CARING FOR YOUR CAMERA

CLEANING

- Keep the autofocus and metering windows clean or the focus and/or exposure may not be accurate.
- If the camera body is dirty, gently wipe it clean with a soft, clean, dry cloth.
- To clean the lens surface, first brush away any dust or sand then, if necessary, moisten a lens tissue with lens cleaning fluid and gently wipe the lens in a circular motion starting from the center.
- Never place lens fluid directly on the lens.
- Never touch the lens surface with your fingers.
- Never use alcohol or solvents to clean the camera.

BEFORE IMPORTANT EVENTS

- Check camera operation carefully or take test photographs.
- Minolta is not responsible for any loss which may occur due to an equipment malfunction.

STORAGE

When storing your camera for extended periods, please follow these guidelines:

- Store in a cool, dry, well-ventilated area away from dust and chemicals (such as moth balls). For very long periods, place the camera in an airtight container with a silica gel drying agent.
- Before using after prolonged storage, always check the camera's operation to make sure it is functioning properly.

QUESTIONS AND SERVICE

- If you have questions about your camera, contact your local camera dealer or write to the Minolta distributor in your area.
- Before shipping your camera for repair, please contact an authorized Minolta Service Facility for details.